



USB 3.0 Universal Dual Video Docking Station Installation Guide

Introduction

The *USB 3.0 Universal Dual Video Docking Station* is designed for a computer that has multiple connectivity demands.

Features and Benefits

- Expand connectivity to your UltraBook or Hybrid tablet/laptop with a single USB 3.0 port
- Supports 5Gbps USB 3.0 data transfer rate
- Interfaces: HDMI, DVI, Gigabit Ethernet, 2 USB 3.0, 4 USB 2.0, 3.5mm audio out, MIC in
- Supports BC 1.2 charging through one front USB 3.0 port
- Supports standard and widescreen (16:9 & 16:10) aspect ratios
- Resolutions: 1080p and up to 2048 x 1152
- Display modes: Primary, Extended and Mirror
- Supports 10/100/1000 Mbps Ethernet auto-sensing capability
- 3.5mm 2.1-channel audio output and MIC in

System Requirements

- 1.6GHz single core CPU with an available USB 3.0 port
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-bit)
- Mac OS® X v10.6 or later

Package contents

- *USB 3.0 Universal Dual Video Docking Station*
- Power adapter (output: 5V, 4A) with international power tips
- USB 3.0 cable (Type A to B)
- Stand holder
- Software CD and Installation guide

Layout



Figure 1: Front panel



Figure 2: Rear panel

1. **Power LED (blue):** On/off when the *Docking Station* is powered on/off
2. **Link LED (green):** On when the connection of the *Docking Station* and the computer is established and detected, or when a USB device is connected
3. **USB 3.0 port #1 (USB 3.0 downstream port):** For the connection to USB 3.0 device
4. **USB 3.0 port #2 (USB 3.0 downstream port with charging):** For the connection to USB 3.0 device or for charging.

Refer to **USB Charging Function** section on page 5 for more details

5. **Speaker jack:** Connects to a speaker or earphone
6. **MIC jack:** Connects to a microphone
7. **Mounting hole:** Used with stand holder (optional)
8. **Power jack:** Connects to the included power adapter
9. **USB 3.0 upstream port (Type B):** Connects to an available USB 3.0 port of the computer by using the included USB 3.0 cable
10. **HDMI connector:** Connects to a HDMI monitor/ projector
11. **DVI connector:** Connects to a DVI monitor/ projector
12. **RJ45 port:** Connects to an Ethernet network
13. **USB 2.0 ports:** Connects to USB 2.0 devices

Application

To connect USB peripherals, Ethernet, speakers and microphone, follow the illustration below.



Figure 3

Connecting the Stand Holder (Optional)

1. Place the Stand Holder so the mounting hooks are facing the forward. See **Figure 4a**.
2. Place the *Docking Station* vertically. Ensure the front panel is facing forward and the two mounting holes are facing down. See **Figure 4a**.
3. Align the Docking Station's mounting holes to the Stand Holder's mounting hooks then carefully slide the Docking Station backward to lock it into place. See **Figure 4b**.
4. The Docking Station can now be placed anywhere on the desktop.

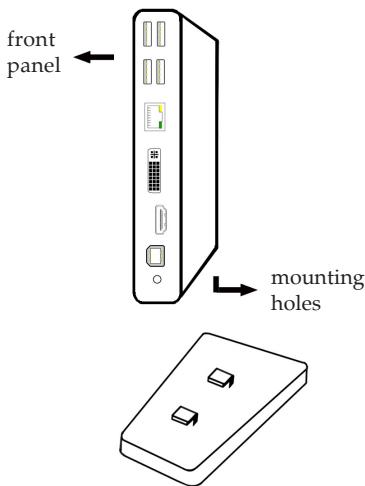


Figure 4a

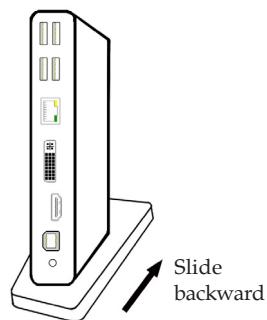


Figure 4b

USB Charging Function

USB 3.0 port #2 supports SDP and DCP fast charging modes under different power source connections.

- **SDP (Standard Downstream Port):** Used for system with standard USB host ports.
- **DCP (Dedicated Charging Port):** Operates as a dedicated charging port under one of these conditions either; **A)** when the computer is powered off, or **B)** the *Docking Station* is not plugged into the computer. In both scenarios, the **Power Adapter** must be plugged into the *Docking Station* and powered on.

Power source
(PC/NB/Hub)



Figure 5a: SDP

Power source
(In-wall AC
adapter)



Figure 5b: DCP

AC Power Adapter Tips



Figure 6: International tips for different types of sockets

Windows Installation

The *USB 3.0 Universal Dual Video Docking Station* is not designed to work with Windows' **Standard VGA Graphics Adapter** driver, make sure the proper version driver for your graphics card is installed.

1. Insert the driver CD. Close the CD **AutoPlay** box if prompted.
2. Click **Start**, in the **Search programs and files/Start Search/Run** box, type **D:\setup.exe**, then press **Enter**.
Or press **Windows key** and **R**, type **D:\setup.exe** in the Run window, and click **OK**.
(Change **D:** to match your CD/DVD-ROM drive letter)
3. At the **User Account Control**, click **Yes** or **Allow**. Skip this step if not prompted.
4. Connect your second monitor to the *Docking* and turn it on.

5. Connect the **Power Adapter** to the *Docking Station*, then plug the power adapter into a reliable power outlet.
6. Connect the *Docking Station* to the computer with the included USB 3.0 cable, then the driver will be installed automatically.
7. Restart your system to complete the installation.

To Verify Windows Installation

1. From the desktop, right click **Computer** or **My Computer**, then click **Manage**.
For Windows 8 / 7 / XP: Click **Device Manager**.
For Windows Vista: Click **Continue**, then click **Device Manager**.
2. Double click **USB Display Adapters**.
DisplayLink Display Adapter (4307) and **USB 3.0 Dual Video Dock** should be displayed.

Note: If there is a  (yellow question mark) or  (exclamation mark) next to that item, then the driver is not properly installed. In this case, please delete the item, unplug the *Docking* and repeat the driver installation steps

Windows Display Configuration

After successful driver installation, a display utility icon  will appear in the taskbar by the system clock. The icon may be hidden in the Windows System Tray. Click the arrow icon  to bring it up, if needed.

Selectable Viewing Modes

Access the utility by clicking the utility icon , and click *USB 3.0 Dual Video Dock*.

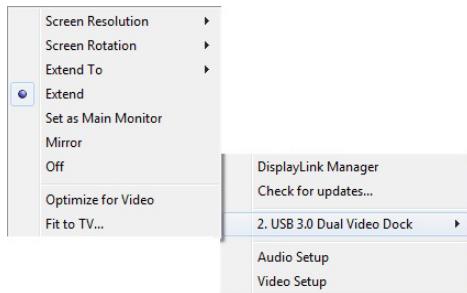


Figure 7: Utility Settings

- **Screen Resolution:** Click to select an available resolution. **Note:** This function is disabled in mirror mode, as the resolution is defined by the resolution of the primary monitor
- **Screen Rotation:** Rotates the screen according to the desired orientation
- **Extend To:** Extends the screen according to the desired orientation
- **Extend:** This is the default setting of the *USB 3.0 Dual Head Docking Station*. This mode extends your desktop for easy viewing of multiple windows. The window will move off the primary display from the right side and enter the extended display from the left side
- **Set as Main Monitor:** Sets the extended screen as the main screen
- **Mirror:** Duplicates the primary monitor to the monitor which connects with the *USB 3.0 Dual Head Docking Station*
- **Off:** Turns off the *USB 3.0 Dual Video Docking Station*
- **Fit to TV:** Adjusts the size of the desktop on the TV. **Note:** This function works only when one display is connected

Multi-Monitor Configuration

The add-on monitors can be configured by clicking the utility icon and selecting **DisplayLink Manager** or **Video Setup**. The configuration page can also be opened using the steps below.

Position the mouse anywhere on the desktop:

1. *For Windows 8 / 7*: Right click on desktop, then select **Screen resolution**.
2. *For Windows Vista*: Right click on desktop, select **Personalize**, then click **Display Settings**.
3. *For Windows XP*: Right click on desktop, select **Properties**, then select **Settings** tab.

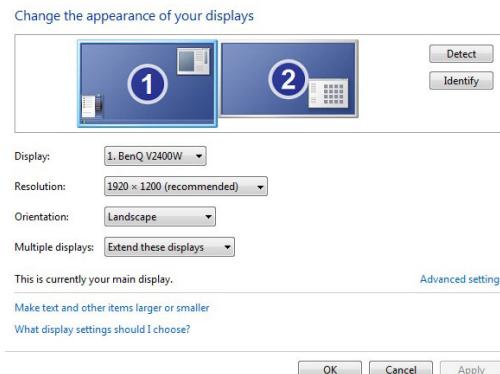


Figure 8: Monitor Orientation

Extended Mode

1. Refer to the **Multi-Monitor Configuration** to open the configuration page.
2. In the **Display** drop-down menu, select the preferred monitor.
For Windows 8 / 7: In the **Multiple displays** drop-down menu, select **Extend desktop to this display**.

For Windows Vista: Check the **Extend the desktop onto this monitor** box.

For Windows XP: Check the **Extend my Windows desktop onto this monitor** box.

3. Click **OK** to confirm and close the settings screen.
4. Once the setting is completed, simply drag and drop the application icons or the opened window, in restore down mode, to the add on monitor. However, some applications may not support the extended desktop

Mirror Mode

1. Refer to the **Multi-Monitor Configuration** on page 9 to open the configuration page.
2. In the **Display** drop-down menu, select the preferred monitor.

For Windows 8 / 7: Check **Multiple displays**, then select **Duplicate these displays**.

For Windows Vista: Uncheck the **Extend the desktop onto this monitor** box.

For Windows XP: Uncheck the **Extend my Windows desktop onto this monitor** box.

3. Click **OK** to confirm and close the settings screen.

Primary Monitor

1. Refer to the **Multi-Monitor Configuration** on page 9 to open the configuration page.
2. In the **Display** drop-down menu, select the preferred monitor.

3. For Windows 8 / 7: Check the **Make this my main display** box.
For Windows Vista: Check the **This is my main monitor** box.
For Windows XP: Check the **Use this device as the primary monitor** box
4. Click **OK** to confirm and close the settings screen.

Windows Shortcut

Press **Windows** key and **P** to bring up the menu and choose a desired mode (Available in Windows 8 and Windows 7 only)

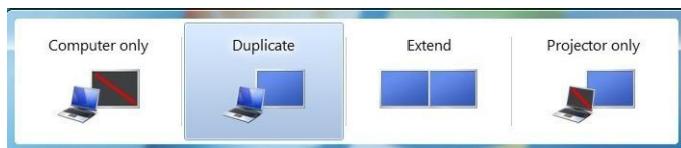


Figure 9: Windows Shortcut

Cursor Disappearing

In some cases, when removing the *Docking* while in extended mode, the desktop will still be paired to the add-on monitor(s) and the mouse cursor may not return to the primary monitor. If this happens, connect the add-on monitor(s) and *Docking* again or keep moving the mouse.

Video Playback in Extended Mode

If the video or DVD playback quality is poor or skips frames in the extended mode, please playback on the primary monitor instead of the add-on monitors.

Mac OS Driver Installation

1. Connect your second monitor to the *USB 3.0 Universal Dual Video Docking Station* and turn it on, then plug the *USB 3.0 Universal Dual Video Docking Station* into the computer.
2. Insert the driver CD, then double click **Driver CD** icon on the Desktop.
3. *For Mac OS 10.6.x-10.9.x:* Double click **Mac OS X 10.6-10.9** folder.
4. Double click **DisplayLink_MacOSX_V2.1.dmg**
5. At the DisplayLink Installer, double click **DisplayLink Software Installer.pkg**.
6. At the Introduction, click **Continue** for one to two times.
7. At the License, click **Continue**, and **Agree**.
8. At the Destination Select, click **Continue**. Skip this step if not prompted.
9. At the Installation Type, click **Change Install Location** if you want to change the default saving folder; otherwise, click **Install**, then click Continue Installation.
10. Type in Name and Password, click **OK** or **Install Software**, then click **Continue Installation**.
11. Click **Restart** to complete the installation.

To Verify Driver Installation

1. Click the Apple logo from the top menu bar.
2. Click **About this Mac**, **More Info...**, **System Report**.
3. Under Software/Extensions, both **DisplayLink Driver** and **DisplayLinkEthernetDriver** will be displayed.

Mac Display Utility

Click the utility icon in the taskbar to change the modes or resolutions, or double click **System Preference**, click the Display icon, then select the **Arrangement** pane.

Setting the Display Resolutions

Select an available resolution from the Display Preferences window. The resolutions available depend on both the *USB 3.0 Universal Dual Video Docking Station* enabled product and the capabilities of the connected display.

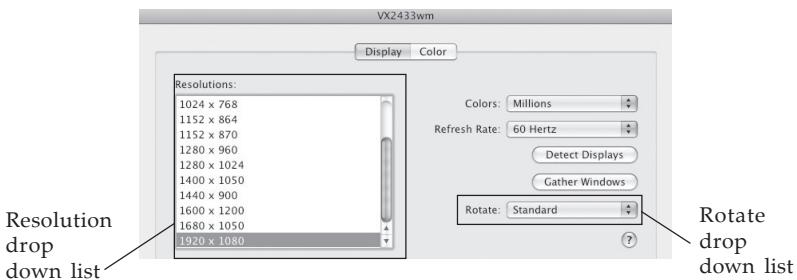


Figure 10

Rotating a Display

Configure the orientation using the **Rotate** drop down, see **Figure 10**. Select the appropriate angle of rotation to match your display's set up.

Setting the Display to Mirror/Extend Mode

Check **Mirror Displays** box on the **Arrangement** pane to enable the mirror mode. Uncheck the box to set the display to extend mode. See **Figure 11**.

Change the main display by simply dragging the white menu bar between the displays.

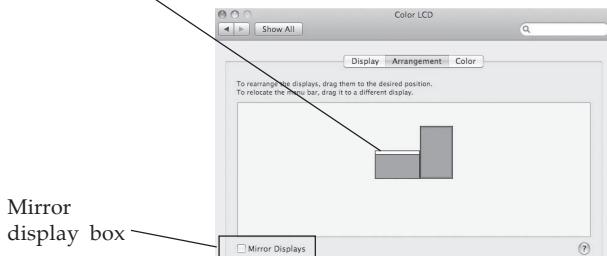


Figure 11

Changing the Main Display

As Figure 11, you can change the main display by moving the Menu Bar between displays. Changing the main display affects where new windows appear and the position of the Dock.

Frequently Asked Questions

Q1: Why won't my DVD player work when I move it over to the extended display?

A1: Some DVD playback software packages do not support playing on a second display.

Q2: Why my video won't play on Media Player if I move it over to the extended desktop?

A2: Check that you have moved the Media Player window completely over to the extended screen.

Q3: There are lines running horizontally up and down my screen or distorted screen.

A3: This is due to a low or unsupported refresh rate setting. You can change this in **Display Properties/Settings/Advanced/Monitor**. Make sure you select the *Docking Station* and not set the refresh rate higher than what your monitor can support.

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at www.siig.com and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 3-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for three (3) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

- A) If it is within the store's return policy period, please return the product to the store where you purchased it.
- B) If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

Step 1: Submit your RMA request. Go to www.siig.com, click **Support**, then **Request A Product Replacement** to submit a request to SIIG RMA or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All software, cable(s) and any other accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. All centered around the distribution and switching of A/V signals over CAT5/6, these products include matrix switches, distribution amplifiers, extenders, converters, splitters, cabling, and more.

SIIG is the premier one-stop source of upgrades and is committed to providing high quality products while keeping economical and competitive prices. High-quality control standards are evident by one of the lowest defective return rates in the industry. Our products offer comprehensive user manuals, user-friendly features, and most products are backed by a lifetime warranty.

SIIG products can be found in many computer retail stores, mail order catalogs, and e-commerce sites in the Americas, as well as through major distributors, system integrators, and VARs.

PRODUCT NAME

USB 3.0 Universal Dual Video Docking Station

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
Phone: 510-657-8688

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